DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES Office of Structural Materials

Quality Assurance and Source Inspection

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Contract #: 04-0120F4

Cty: SF/ALA Rte: 80 PM: 13.2/13.9

File #: xx.28

WELDING INSPECTION REPORT

Resident Engineer: Siegenthaler, Peter **Report No:** WIR-021778 Address: 333 Burma Road **Date Inspected:** 06-Mar-2011

City: Oakland, CA 94607

OSM Arrival Time: 700 **Project Name:** SAS Superstructure **OSM Departure Time:** 1900 **Prime Contractor:** American Bridge/Fluor Enterprises, a JV

Contractor: Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai China

CWI Name: CWI Present: Yes Mr. Zhu Zhong Hai. No Yes No N/A **Rod Oven in Use:** Yes No **Inspected CWI report:** N/A Yes N/A **Electrode to specification:** No Weld Procedures Followed: Yes No N/A N/A **Qualified Welders:** Yes No **Verified Joint Fit-up:** Yes No N/A N/A Yes N/A **Approved Drawings:** Yes No **Approved WPS:** No Yes No N/A **Delayed / Cancelled:**

Bridge No: 34-0006 **Component: OBG** Trial Assembly

Summary of Items Observed:

On this day CALTRANS OSM Quality Assurance (QA) Inspector Raghavendra Reddy was present during the times noted above for observations relative to the fabrication of the SAS Superstructure being performed by Zhenhua Port Machinery Company (ZPMC) at Changxing Island in Shanghai, China. QA observed and/or found the following:

This QA Inspector observed the following work in progress:

Trial Assembly:-

SMAW welding of Weld Joint SEG3001Y-070,071 (12AE Side, Deck panel to I stiffener welds), and Welder is identified as 200113; ZPMC Quality Control (QC) is identified as Mr. Li Yang. The welding variables appeared to comply with the Applicable WPS-B-P-2114-FCM-1.

SMAW welding of Weld Joint SEG3001Y-027,028 (12AE Side, Deck panel to I stiffener welds), and Welder is identified as 067656; ZPMC Quality Control (QC) is identified as Mr. Li Yang. The welding variables appeared to comply with the Applicable WPS-B-P-2114-FCM-1.

SMAW welding of Weld Joint SEG3001Z-014 (12AE Side, Deck panel to I stiffener welds), and Welder is identified as 067656; ZPMC Quality Control (QC) is identified as Mr. Li Yang. The welding variables appeared to comply with the Applicable WPS-B-P-2114-FCM-1.

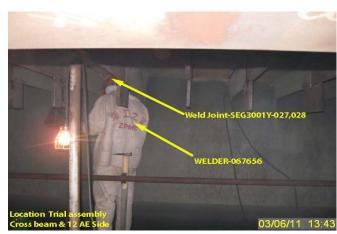
WELDING INSPECTION REPORT

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SMAW welding of Weld Joint SEG3001Z-048 (12AE Side, Deck panel to I stiffener welds), and Welder is identified as 200113; ZPMC Quality Control (QC) is identified as Mr. Li Yang. The welding variables appeared to comply with the Applicable WPS-B-P-2114-FCM-1.

Unless otherwise noted, all work observed on this date appeared to be in general compliance with the applicable contract documents.





Summary of Conversations:

Only general conversation was held between QA and QC concerning this project.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Eric Tsang (15000422372), who represents the Office of Structural Materials for your project.

Inspected By:	Tharikoppada,Reddy	Quality Assurance Inspector
Reviewed By:	Miller,Mark	QA Reviewer